

Publication number: JP2169612
 Publication date: 1990-06-29
 Inventor: IKEMATSU TAKESHI;
 KISHIMOTO YASUSHI;
 MIYAMOTO KOICHI
 Applicant: ASAHI CHEMICAL IND
 Classification:
 - international: **C08F297/04; B29C61/06;
 C08F297/00; B29C61/06; (IPC1-7):
 C08F297/04**
 - European:
 Application number: JP19880323267 19881223
 Priority number(s): JP19880323267 19881223

[View INPADOC patent family](#)

[View list of citing documents](#)

[Report a data error here](#)

Abstract of JP2169612

PURPOSE: To obtain the title molding of excellent shape memory properties without the necessity for any special operation for shaping, such as crosslinking, by molding a block copolymer having a specified structure under specified conditions and remolding the obtained molding under specified conditions. CONSTITUTION: A block copolymer of a weight-average MW of 10000-1000000, having an A-B-A block structure in the polymer chain, wherein block A is a polymer comprising a vinylaromatic compound homopolymer, a copolymer thereof with another vinylaromatic compound or a conjugated diene compound, or a hydrogenation product thereof and having a glass transition point ≥ 50 deg.C, and block B is a polymer comprising a conjugated diene compound or a copolymer thereof with another conjugated diene compound or a vinylaromatic compound, wherein at least 50mol% of the unsaturated bonds of the conjugated diene units are hydrogenated to give a degree of a crystallinity ≥ 5 wt.% and at least 50wt.% of the crystal can melt at a temperature below the glass transition point of block A. The block copolymer is molded into a desired shape at a temperature above the glass transition point of block A and remolded into a shape different from that of the above at a temperature lower than its glass transition point.

Data supplied from the *esp@cenet* database - Worldwide